



"Sequence Listing"

(1) GENERAL INFORMATION:

- (i) APPLICANT: Hakan Nygren and Manne Stenberg
- (ii) TITLE OF INVENTION: Devices and Methods for Optical Detection of Nucleic Acid Hybridization
- (iii) NUMBER OF SEQUENCES: 5
- (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Lyon & Lyon  
(B) STREET: 633 West Fifth Street  
(C) CITY: Los Angeles  
(D) STATE: California  
(E) COUNTRY: USA  
(F) ZIP: 90071-2066

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5" Diskette, 1.44Mb storage  
(B) COMPUTER: IBM Compatible  
(C) OPERATING SYSTEM: IBM MS-DOS (Version 5.0)  
(D) SOFTWARE: WordPerfect (Version 5.1)

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: Not Yet Assigned  
(B) FILING DATE: January 17, 1995  
(C) CLASSIFICATION: Not Yet Classified

(vii) PRIOR APPLICATION DATA:

Prior applications total,  
including application  
described below: four

(A) APPLICATION NUMBER: 07/965,661  
(B) FILING DATE: September 17, 1992

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Warburg, Richard J.  
(B) REGISTRATION NUMBER: 32,327  
(C) REFERENCE/DOCKET NUMBER: 210/215

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE:	(213) 489-1600
(B) TELEFAX:	(213) 955-0440
(C) TELEX:	67-3510

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH:	25
(B) TYPE:	nucleic
(C) STRANDEDNESS:	single
(D) TOPOLOGY:	linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CGCTAATATC AGAGAGATAA CCCAC

25

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH:	25
(B) TYPE:	nucleic
(C) STRANDEDNESS:	single
(D) TOPOLOGY:	linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CGCTAATATC AGAGAGATAA CCCAC

25

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH:	26
(B) TYPE:	nucleic
(C) STRANDEDNESS:	single
(D) TOPOLOGY:	linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

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26

(2) INFORMATION F SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH:	17
(B) TYPE:	nucleic
(C) STRANDEDNESS:	single
(D) TOPOLOGY:	linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

CGAAGCTTGG ATCCGCC

17

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH:	9
(B) TYPE:	nucleic
(C) STRANDEDNESS:	single
(D) TOPOLOGY:	linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

AAAGATGTA

9



SEQUENCE LISTING

<110> THERMO BIOSTAR, INC.  
Hakan, Nygren  
Manne, Stenberg

<120> DEVICES AND METHODS FOR OPTICAL DETECTION OF NUCLEIC ACID  
HYBRIDIZATION

<130> 074022-2305

<140> 09/982,658

<141> 2001-10-18

<150> 09/425,072

<151> 1999-10-21

<150> 08/375,151

<151> 1995-01-17

<150> 07/965,661

<151> 1992-09-17

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 25

<212> DNA

<213> Bacteriophage M13mp18

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<221> misc\_feature

<223> Capture probe complimentary to M13mp18

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ORIGINALLY FILED

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<213> Bacteriophage M13mp18

<220>

<221> misc\_feature

<223> Amplifying probe complimentary to M13mp18

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<221> .misc\_feature

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<400> 3

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<211> 9

<212> DNA

<213> Bacteriophage M13mp18

<220>

<221> misc\_feature

<223> 8-mer

<400> 4

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9